## **EAST Search History**

| Ref<br># | Hits | Search Query                         | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--------------------------------------|---|---------------------|---------|------------------|
| S41      | 0    | ("1025388").URPN.                    | USPAT   | OR                  | ON      | 2006/04/03 14:03 |
| S40      | 1    | ("1025388").PN.                      | US-PGPUB;<br>USPAT                                    | OR                  | OFF     | 2006/04/03 14:03 |
| S39      | 184  | S36 and spring                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/31 14:38 |
| S38      | 71   | S36 and thread\$3                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/31 14:38 |
| S37      | 193  | E05F005/08.ipc.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/31 14:34 |
| S36      | 617  | E05F005/06.ipc.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/31 14:28 |
| S32      | 86   | E05F005/04.ipc.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/31 14:27 |
| S35      | 214  | S34 not S33                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/31 14:24 |
| S34      | 230  | (S30 or S31) and (plunger or piston) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/31 14:13 |
| S33      | 111  | (S30 or S31) and thread\$2           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/03/31 14:12 |

## **EAST Search History**

| S31 | 1516 | E05F005/02.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/31 14:05 |
|-----|------|---|---|----|----|------------------|
| S30 | 1372 | E05F005/00.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/31 14:05 |
| S29 | 38   | 188/285,129,130;267/200-203;16/82,<br>85.ccls. and @pd>"20050701" | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/03/31 14:01 |
| S28 | 0    | ("1218197").URPN.   | USPAT   | OR | ON | 2006/03/31 13:58 |
| S27 | 6    | ("2449686").URPN.   | USPAT   | OR | ON | 2006/03/31 13:55 |